

Message Text

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ACTION IO-14

INFO OCT-01 EUR-12 ISO-00 OES-07 FEA-01 ACDA-07
CIAE-00 INR-07 L-03 NSAE-00 NSC-05 EB-07 NRC-05
DODE-00 ERDA-05 SS-15 SP-02 AF-10 ARA-10 EA-07
NEA-10 H-01 PA-01 PRS-01 USIA-06 /137 W
-----033103 221022Z /10

R 220849Z JUL 77
FM AMEMBASSY VIENNA
TO SECSTATE WASHDC 2641
INFO AMEMBASSY BONN
AMEMBASSY BRUSSELS
AMEMBASSY COPENHAGEN
AMEMBASSY DUBLIN
AMEMBASSY THE HAGUE
AMEMBASSY LONDON
AMEMBASSY LUXEMBOURG
AMEMBASSY PARIS
AMEMBASSY ROME

C O N F I D E N T I A L SECTION 1 OF 2 VIENNA 6743

USIAEA

USEEC ALSO FOR EMBASSY

EO 11652: GDS
TAGSC PARM, TECH, IAEA, EC
SUBJ: JULY 19 MEETING OF IAEA AND EURATOM

1. MISOFFS OBTAINED BRIEFING BY IAEA DEPUTY DIRECTOR
GENERAL ROMETSCH OF RESULTS SUBJECT MEETING, LATEST
ROUND IN DISCUSSIONS OF QUOTE SUBSIDIARY ARRANGEMENTS
UNQUOTE OF IAEA-EURATOM SAFEGUARDS AGREEMENT. EURATOM
TEAM, HEADED BY WILLIAMS, INCLUDED ALLEN, SCHLEICHER
AND HAMMER. IAEA TEAM HINCLUDED ROMETSCH, ASST DIR
GEN FISCHER, DIRECTOR LEGAL DIVISION EDWARDS, RAINER
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OF LEGAL DIVISION, AND PERRICOS (AND POSSIBLY OTHERS)
FROM SAFEGUARDS OPERATIONS. MEETING WAS PRECEDED BY
WORKING PARTY WHICH MET PREVIOUS WEEK, IN WHICH
EURATOM WAS REPRESENTED BY SHARP, ROTA AND VANDER STIJL.

2. IAEA HAD HOPED TO GAIN EURATOM ACCEPTANCE OF
APPROACH DESIGNED TO SIDESTEP ARGUMENTS ABOUT QUOTE

OBSERVATION UNQUOTE, DESCRIBED BY ROMETSCH AS FOLLOWS:
DURING INSPECTIONS BY ANY SAFEGUARDS ORGANIZATION,
CERTAIN ACTIVITIES BY THEIR NATURE ARE CONDUCTED BY
TEAM OF TWO OR MORE INSPECTORS. IN CARRYING OUT SUCH
ACTIVITIES UNDER IAEA-EURATOM AGREEMENT, ROMETSCH
PROPOSED THAT TEAM CONSIST OF IAEA AND EURATOM
INSPECTORS AND THAT DATA OR SAMPLES OBTAINED DURING
ACTIVITY WOULD BE SHARED AMONG THOSE INSPECTORS, SO
THAT EACH ORGANIZATION WOULD HAVE DATA, ETC ON SAME
BASIS.

3. ROMETSCH WAS DISAPPOINTED THAT THIS CONCEPT WAS
NOT RPT NOT ACCEPTED BY EURATOM REPS FOR GENERAL
APPLICATION, WITH EURATOM INSISTING THAT INSPECTION
ACTIVITIES, IN GENERAL, MUST BE CONDUCTED IN QUOTE
SERIES UNQUOTE, I.E. TEAM OF EURATOM INSPECTORS
CONDUCT THE ACTIVITY (OBTAIN DATA, ETC.) AND IAEA
INSPECTORS DOING WHATEVER EURATOM WILL CONCEDE
THEY CAN DO (QUOTE OBSERVE UNQUOTE) TO VERIFY THE DATA,
ETC OBTAINED. ROMETSCH IS PERPLEXED AT EURATOM
ATTITUDE, SINCE ITS APPROACH WILL REQUIRE DOUBLE
EURATOM MANPOWER, COMPARED TO IAEA PROPOSAL.

4. QUOTE JOINT TEAM UNQUOTE APPROACH PROPOSED BY
IAEA WAS ACCEPTED FOR CONSIDERATION BY EURATOM REPS
IN QUOTE SPECIAL CASE UNQUOTE OF WAK FUEL
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REPROCESSING PLANT (IN FRG) BECAUSE OF WHAT THEY SAID
WERE ITS PARTICULAR QUOTE SENSITIVITIES UNQUOTE. EVEN
IN THAT CASE, EURATOM REPS WERE ONLY WILLING CONSIDER
QUOTE JOINT TEAM UNQUOTE APPROACH ON PROVISIONAL
BASIS, FOR MAXIMUM OF THREE YEARS AND ON UNDERSTANDING
THAT QUOTE JOINT TEAM UNQUOTE CONCEPT NOT RPT NOT
REQUIRED IN IAEA-EURATOM AGREEMENT' I.E. THAT EURATOM
QUOTE CONCSSION UNQUOTE TO IAEA IN WAK CASE CANNOT
BE PRECEDENT FOR OTHER FACILITIES, ET. PROPOSAL
UNDER CONSIDERATION BY EURATOM REPS WAS DEVELOPED BY
JOINT-WORKING PARTY AND CALLS FOR EURATOM INSPECTION
EFFORT OF 470 MAN-DAYS PER YEAR, AND IAEA EFFORT OF
405 MAN-DAYS. ROMETSCH SAID IAEA CALCULATION OF
EFFORT REQUIRED BY IAEA, IN ABSENCE ANY EURATOM
INSPECTION, WOULD BE 610 MAN-DAYS.

5. ONLY ONE OTHER TYPE OF FACILITY WAS DISCUSSED AT
JULY 19 MEETING; NAMELY, LIGHT WATER POWER REACTORS
(LWR'S). DURING NEGOTIATIONS SOME YEARS AGO OF IAEA-
EURATOM AGREEMENT, UNQUOTE EXAMPLES UNQUOTE OF FACILITY

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R 220849Z JUL 77
FM AMEMBASSY VIENNA
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PARIS 5007
AMEMBASSY ROME

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C O R R E C T E D C O P Y (NUMBERING OF PARAS - THRU 7 VICE 6)

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ATTACHMENTS FOR SEVERAL TYPES OF FACILITIES, INCLUDING
LWR'S, WERE WORKED OUT. IN CASE OF LWR'S A
BASIC ASSUMPTION WAS MADE, AT EURATOM INITIATIVE, THAT
EVERY LWR FUEL ASSEMBLY WOULD HAVE SOME KIND OF
PERMANENT (UNTIL REPROCESSED) INIQUE IDENTIFYING
FEATURE (E.G. TAG OR SEAL) INCORPORATED AT TIME OF
MANUFACTURE. SUCH UNIQUE IDENTIFICATION WOULD
FACILITATE ACCOUNTING FOR ASSEMBLIES AS THEY MOVED
INTO LWR POWER STATIONS, INTO REACTORS, COLLING POND,
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ETC. ON THAT BASIS, VERY LOW AMOUNTS OF INSPECTION

EFFORT WERE ESTIMATED TO BE REQUIRED AT LWR'S. SUBSEQUENTLY, EURATOM HAD ADVISED IAEA THAT LWR OPERATORS (WHO ARE UNDERSTADABLY RELUCTANT TO INTRODUCE EXTRANEIOUS MATERIAL INTO REACTOR) HAD BEEN UNWILLING TO ACCEPT ANY OF UNIQUE IDENTIFCATION METHODS PROPOSED BY EURATOM. MEETING OF JULY 19 THEREFORE DISCUSSED DIFFERENT APPROACH FOR LWR'S, INVOLVING (A) PRESENCE OF INSPECTORS FROM BOTH IAEA AND EURATOM DURING PHYSICAL INVENTORIES AND (B) MEANS TO ASSURE DETECTION BY EURATOM WITHIN TWO MONTHS OF DIVERSION, AND BY IAEA WITHIN SIX MONTHS. THAT APPROACH WOULD REQUIRE EFFORT BY EURATOM OF 14 TO 16 MAN-DAYS PER YEAR PER LWR AND SEVEN TO NINE MAN-DAYS BY IAEA. EURATOM REPS WERE UNWILLING ACCEPT THOSE LEVELS OF EFFORT AND PROPOSAL EMERGED THAT TIME FOR DETECTION BE LENGTHENED TO FOUR MONTHS FOR EURATOM AND 12 MONTHS TO IAEA. RESULT WOULD BE REDUCTION

(ACCORDING TO IAEA CALCULATION) OF EFFORT BY EURATOM OF FOUR MAN-DAYS PER YEAR PER REACTOR AND BY IAEA OF ONE MAN-DAY PER YEAR PER REACTOR. BOTH SIDES ARE TO CONSIDER ACCEPTABILITY OF FOUR-MONTH/TWELVE-MONTH APPROACH, WITH ROMETSCH UNCERTAIN WHETHER TWELVE-MONTH DETACTION TIME FOR LWR'S WOULD BE CONSISTENT WITH FUNDAMENTAL REQUIREMENTS FOR IAEA SAFEGUARDS BEING CONSIDERED BY IAEA DIR GEN'S STANDING ADVISORY GROUP ON SAFEGUARDS IMPLEMENTATION (SAGSI).

6. ACCORDING TO ROMETSCH, EURATOM REPS STATED THAT THEY WOULD NEED TO OBTAIN APPROVAL FOR RESPONSE TO WAK AND LWR SCHEMES FROM QUOTE HIGHER AUTHORITIES UNQUOTE IN SEPTEMBER. THEY WERE CERTAIN THAT FURTHER CONFIDENTIAL

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EXTENSION OF TIME TO COMPLETE SUBSIDIARY ARRANGEMENTS (PROBABLY TO DECEMBER) WOULD BE PROPOSED BY EURATOM.

7. ROMETSCH WAS NOT RPT NOT OPTIMISTIC RE EURATOM ACTION IN WAK AND LWR CONCEPTS. HE GUESSED THAT, EVEN IF WAK SCHEMEM WAS ACCEPTED, EURATOM WOLD DEMAND EXPLICIT AGREEMENT BY IAEA TO CONDITIONS OUTLINED PARA 4 ABOVE, IN WHICH CASE IAEA WOULD BE UNABLE AGREE, FOR EXAMPLE, THAT JOINT TEAM APPROACH GOES BEYOND SCOPE OF IAEA-EURATOM AGREEMENT. HE WAS ALSO DESCOUAGED AT EURATOM REPS (AT ALL LEVELS) TOTAL PREOCCUPATION WITH RATIO OF MAN-DAYS OF INSPECTION EFFORT BY IAEA TO THAT OF EURATOM, RATHER THAN ANY CONCERN THAT CREDIBLE SAFEGUARDS BY SEEN TO BE APPLIED, IN COST-EFFECTIVE MANNER. ONE OF HIS STAFF WHO HAD PARTICIPATED IN WORKING LEVEL MEETING

COMMENTED THAT ATTITUDE OF EURATOM PERSONNEL, EVEN HOSTILE, CONTRARY TO EARLIER RELATIONSHIPS. HE NOTED THAT DIFFICULT SUBJECTS OF FACILITY ATTACHMENT FOR ENRICHMENT PLANT, LOW ENRICHED URANIUM FUEL FABRICATION PLANTS AND QUOTE NON-STANDARD UNQUOTE FACILITIES HAVE NOT YET BEEN ADDRESSED AND IN ABSENCE EURATOM ACCEPTANCE JOINT TEAM APPROACH OR OTHER EFFORT TO FIND REASONABLE SOLUTIONS, HE FORESAW NOTHING BUT PROBLEMS. MEANWHILE, USSR, IN PARTICULAR, COULD BECOME INCREASINGLY IMPATIENT AT DELAY IN IMPLEMENTING IAEA-EURATOM AGREEMENT ON BASIS OF AGREED PROCEDURES. LABOWITZ

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Message Attributes

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Decaption Note:
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